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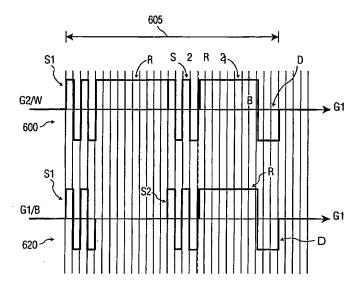
- (71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) Applicant (for AE only): U.S. PHILIPS CORPORA-TION [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ZHOU, Guofu

[NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). AILENEI, Neculai [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). JOHNSON, Mark T. [GB/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). KAMER, Jan Van De [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

- (74) Common Representative: KONINKLLJKE PHILIPS ELECTRONICS, N.V.; c/o Frank Keegan, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
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[Continued on next page]

(54) Title: A BI-STABLE DISPLAY WITH ACCURATE GREYSCALE AND NATURAL IMAGE UPDATE



(57) Abstract: An accurate greyscale is obtained with more natural image updates when updating a display (310) in a bi-stable electronic reading device (300, 400), such as one using an electrophoretic display, by applying a first shaking pulse (S1) to the display, applying a first portion (R1) of a reset pulse to the display following the first shaking pulse (S1), applying a second shaking pulse (S2) to the display following the first portion (R1), and applying a second portion (R2) of the reset pulse to the display following the second shaking pulse (S2). The first portion may have a standard reset duration, while the second portion has an over-reset duration. A visual shock effect is avoided which would otherwise as applied after the entire reset pulse.



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